

Title (en)
ABSORBENT ARTICLE AND COMPONENTS THEREOF HAVING IMPROVED SOFTNESS SIGNALS, AND METHODS FOR MANUFACTURING

Title (de)
SAUGFÄHIGER ARTIKEL UND BESTANDTEILE DIESES ARTIKELS MIT VERBESSERTEN WEICHHEITSSIGNALLEN SOWIE VERFAHREN ZUR HERSTELLUNG

Title (fr)
ARTICLE ABSORBANT ET SES COMPOSANTS DOTÉS DE SIGNES DE SOUPLESSE AMÉLIORÉS ET PROCÉDÉS DE FABRICATION

Publication
EP 2605739 B1 20231115 (EN)

Application
EP 11748862 A 20110819

Priority
• US 37556410 P 20100820
• US 2011048401 W 20110819

Abstract (en)
[origin: WO2012024576A1] An absorbent article having improved softness signals is disclosed. The article may include a topsheet or a backsheet including a nonwoven web. The web may have a basis weight of 30 gsm or less, may be formed of spunlaid fibers including polyolefin and up to 5 percent by weight TiO₂, and may be impressed with a pattern of bond impressions to a bond area percentage of at least 10 percent forming a pattern of bonded regions and raised regions. The web may have opacity of 42 or greater; have an average height difference between bonded regions and raised regions of at least 280 µm; be hydroengorged; and/or have a cross-direction tensile strength of 350 gf/cm. A nonwoven web manufactured to have a suitable combination of such features exhibits an enhanced appearance of softness, soft tactile feel and satisfactory mechanical attributes, while being relatively cost effective.

IPC 8 full level
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CPC (source: EP US)
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US 2009092797 A1 20090409 - SATO KENICHI [JP], et al

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